

Project Title	Funding	Strategic Plan Objective	Institution
Identifying early biomarkers for autism using EEG connectivity	\$0	Q1.L.A	Boston Children's Hospital
Postural and vocal development during the first year of life in infants at heightened biological risk for AS	\$0	Q1.L.A	University of Pittsburgh
Electrophysiological, metabolic and behavioral markers of infants at risk	\$0	Q1.L.A	Boston Children's Hospital
Physical and clinical infrastructure for research on infants-at-risk for autism at Yale	\$0	Q1.L.A	Yale University
Reliability of sensory-evoked activity in autism	\$0	Q1.L.B	New York University
Development of accelerated diffusion and functional MRI scans with real-time motion tracking for children with autism	\$0	Q1.L.B	Massachusetts General Hospital
Functional brain networks in autism and attention deficit hyperactivity disorder	\$0	Q1.L.B	Oregon Health & Science University
The early development of attentional mechanisms in ASD	\$0	Q1.L.B	University of Massachusetts, Boston
Measuring imitation and motor control in severe autism	\$0	Q1.L.C	University of Washington
Language learning in autism	\$0	Q1.L.C	Georgetown University
ASD prevalence by DSM-IV and DSM-5: Total population study	\$0	Q1.Other	Nathan Kline Institute
Biomarkers and diagnostics for ASD	\$0	Q1.S.A	Institute of Biotechnology
Georgia Tech Non-Invasive Gaze Tracking Project	\$0	Q1.S.B	Georgia Tech Research Corporation
Autism and the RASopathies	\$0	Q1.S.B	University of California, San Francisco
Dissemination of multi-stage screening to underserved culturally-diverse families	\$0	Q1.S.C	University of Massachusetts, Boston
20-year outcome of autism	\$0	Q2.L.A	University of Utah
A study of autism	\$0	Q2.L.B	University of Pennsylvania
Reliability of Sensory-Evoked Activity in Autism Spectrum Disorders- Project 1	\$0	Q2.L.B	Carnegie Mellon University
Transcriptional responsiveness in lymphoblastoid cell lines	\$0	Q2.Other	University of Pennsylvania
ERK signaling in autism associated with copy number variation of 16p11.2	\$0	Q2.Other	Case Western Reserve University
Role of major vault protein in autism	\$0	Q2.Other	Yale University
Characterizing the regulatory pathways and regulation of AUTS2	\$0	Q2.Other	University of California, San Francisco
Multisensory processing in autism	\$0	Q2.Other	Baylor College of Medicine
Neuroprotective effects of oxytocin receptor signaling in the enteric nervous system	\$0	Q2.Other	Columbia University
3 Tesla 31Phosphorus magnetic resonance spectroscopy in disorder with abnormal bioenergetics	\$0	Q2.Other	Massachusetts General Hospital

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Urokinase-type plasminogen activator plasma concentration and its relationship to hepatocyte growth factor (HGF) and GABA levels in autistic children	\$0	Q2.Other	Hartwick College
Using high definition fiber tracking to define developmental neurobiologic mechanisms & a neural basis for behavioral heterogeneity	\$0	Q2.Other	Carnegie Mellon University
Examining connectivity patterns of brain networks participating in social cognition in ASD	\$0	Q2.Other	San Diego State University
Preference acquisition in children and adolescents with and without autism spectrum disorder	\$0	Q2.Other	Dalhousie University
Deciphering the function and regulation of AUTS2	\$0	Q2.Other	University of California, San Francisco
Macrocephalic autism: Exploring and exploiting the role of PTEN	\$0	Q2.Other	University of Wisconsin - Madison
Integrative Regulatory Network Analysis of iPSCs Derived Neuronal Progenitors from Macrocephalic ASD Individuals in a Family-based Design	\$0	Q2.Other	Yale University
Dissecting Reciprocal CNVs Associated With Autism	\$0	Q2.Other	Duke University
A Role for Cytoplasmic Rbfox1/A2BP1 in Autism	\$0	Q2.Other	University of California, Los Angeles
a-Actinin Regulates Postsynaptic AMPAR Targeting by Anchoring PSD-95	\$0	Q2.Other	University of California, Davis
The PI3K Catalytic Subunit p110delta as Biomarker and Therapeutic Target in Autism and Schizophrenia	\$0	Q2.Other	Cincinnati Children's Hospital Medical Center University of Cincinnati
Dysregulated Translation and Synaptic Dysfunction in Medium Spiny Neurons of Autism Model Mice	\$0	Q2.Other	New York University
Investigating the Role of RBFOX1 in Autism Etiology	\$0	Q2.Other	University of Miami
Perturbation of Excitatory Synapse Formation in Autism Spectrum Disorders	\$0	Q2.Other	Max Planck Florida Institute for Neuroscience
a-Actinin Regulates Postsynaptic AMPAR Targeting by Anchoring PSD-95	\$0	Q2.Other	University of California, Davis Medical Center University of California, Davis
Regulation of Interneuron Development in the Cortex and Basal Ganglia by Coup-TF2	\$0	Q2.Other	University of California, San Francisco
Engagement of Social Cognitive Networks during Game Play in Autism	\$0	Q2.Other	Duke University
Activity-dependent Mechanisms of Visual Circuit Formation	\$0	Q2.Other	Children's Research Institute (CRI) Children's National Medical Center
Investigation of social brain circuits and fever-evoked response in 16p11.2 mice	\$0	Q2.Other	Cold Spring Harbor Laboratory
Subependymal zone function in autism spectrum disorders	\$0	Q2.Other	University of Oxford
Behavioral and neural correlates of reward motivation in children with autism spectrum disorders	\$0	Q2.Other	University of North Carolina at Chapel Hill
Spatial attention in autism spectrum disorders	\$0	Q2.Other	New York University

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Autism and the insula: Genomic and neural circuits	\$0	Q2.Other	California Institute of Technology
Role of neuroligin in the amygdala and associated fear memory	\$0	Q2.Other	Columbia University
Exploring metabolic dysfunction in the brains of people with autism	\$0	Q2.S.A	George Washington University
Brain mitochondrial abnormalities in autism	\$0	Q2.S.A	New York State Institute for Basic Research in Developmental Disabilities
Autism spectrum disorders –inflammatory subtype: Molecular characterization	\$0	Q2.S.A	University of Medicine & Dentistry of New Jersey
To study the relationship between low GAD2 levels and anti-GAD antibodies in autistic children	\$0	Q2.S.A	Hartwick College
Behavioral and cognitive characteristics of females and males with autism	\$0	Q2.S.B	Cleveland Clinic Foundation
A Novel Glial Specific Isoform of Cdkl5: Implications for the Pathology of Autism in Rett Syndrome	\$0	Q2.S.D	University of Nebraska Medical Center
Modeling Pitt-Hopkins Syndrome, an Autism Spectrum Disorder, in Transgenic Mice Harboring a Pathogenic Dominant Negative Mutation in TCF4	\$0	Q2.S.D	University of North Carolina, Chapel Hill
Role of Serotonin Signaling during Neural Circuitry Formation in Autism Spectrum Disorders	\$0	Q2.S.D	Massachusetts Institute of Technology
Understanding the Genetic Architecture of Rett Syndrome - an Autism Spectrum Disorder	\$0	Q2.S.D	Cold Spring Harbor Laboratory
Linking circuit dynamics and behavior in a rat model of autism	\$0	Q2.S.D	University of California, San Francisco
Cerebellar plasticity and learning in a mouse model of autism	\$0	Q2.S.D	The University of Chicago
Regulation of cortical critical periods in a mouse model of autism	\$0	Q2.S.D	Northwestern University
Understanding the basic neurobiology of Pitt-Hopkins syndrome	\$0	Q2.S.D	The University of Alabama at Birmingham
The role of genetics in communication deficits in autism spectrum disorders	\$0	Q2.S.D	University of Pennsylvania
Elucidation and rescue of amygdala abnormalities in the Fmr1 mutant mouse model of fragile X syndrome	\$0	Q2.S.D	George Washington University
A stem cell based platform for identification of common defects in autism spectrum disorders	\$0	Q2.S.D	The Scripps Research Institute - California
The effects of disturbed sleep on sleep-dependent memory consolidation and daily function in individuals with ASD	\$0	Q2.S.E	Beth Israel Deaconess Medical Center
The role of mTOR inhibitors in the treatment of autistic symptoms in symptomatic infantile spasms	\$0	Q2.S.E	Albert Einstein College of Medicine of Yeshiva University

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Salivary melatonin as a biomarker for response to sleep interventions in children with autism	\$0	Q2.S.E	University of Colorado Denver
Language processing in children with 22q11 deletion syndrome and autism	\$0	Q2.S.G	Emory University
Autism Linked LRRTM4-Heparan Sulphate Proteoglycan Complex Functions in Synapse Development	\$0	Q2.S.G	University of British Columbia
Identification and Functional Analysis of Risk Genes for Autistic Macrocephaly	\$0	Q2.S.G	Institute of Psychiatry/King's College London
Simons Variation in Individuals Project (Simons VIP) Functional Imaging Site and Structural Imaging/Phenotyping Site	\$0	Q2.S.G	Children's Hospital of Philadelphia
Role of the 16p11.2 CNV in autism: genetic, cognitive and synaptic/circuit analyses	\$0	Q2.S.G	Broad Institute, Inc.
Social processing, language, and executive functioning in twin pairs: Electrophysiological and behavioral endophenotypes	\$0	Q2.S.G	University of Washington
Evaluating epidemiological and biostatistical challenges in the EARLI investigation	\$0	Q3.L.A	Drexel University
Autism Genome Project (AGP): Genome sequencing and analysis supplement	\$0	Q3.L.B	The Hospital for Sick Children
Examining the Y-chromosome in autism spectrum disorder	\$0	Q3.L.B	The Hospital for Sick Children
Autism Genome Project (AGP)	\$0	Q3.L.B	Autism Speaks (AS)
A genome-wide search for autism genes in the SSC Emory	\$0	Q3.L.B	Emory University
A genome-wide search for autism genes in the SSC UCLA	\$0	Q3.L.B	University of California, Los Angeles
Autism Genome Project Consortium data reanalysis using computational biostatistics	\$0	Q3.L.B	The Rockefeller University
Genetic basis of phenotypic variability in 16p11.2 deletion or duplication	\$0	Q3.L.B	University of Washington
A genome-wide search for autism genes in the SSC Vanderbilt	\$0	Q3.L.B	Vanderbilt University Medical Center
Sequencing Female-enriched Multiplex Autism Families (FEMFs)	\$0	Q3.L.B	Johns Hopkins University School of Medicine
Genomic hotspots of autism	\$0	Q3.L.B	University of Washington
Integrative genetic analysis of autism brain tissue	\$0	Q3.L.B	Johns Hopkins University School of Medicine
Community-based study of autism spectrum disorders among 7-9 y old children in rural Bangladesh	\$0	Q3.L.D	Johns Hopkins University
Genome-wide expression profiling data analysis to study autism genetic models	\$0	Q3.S.A	University of California, Los Angeles

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Environmental exposures measured in deciduous teeth as potential biomarkers for autism risk	\$0	Q3.S.B	University of Texas Health Science Center at San Antonio
Research project about a potential infectious origin of autism	\$0	Q3.S.E	Institut de Recherche Luc Montagnier
Novel Proteomics Approach to Oxidative Posttranslational Modifications Underlying Anxiety and Autism Spectrum Disorders	\$0	Q3.S.E	Sanford Burnham Medical Research Center
Maternal autoreactivity and autoimmune disease in autism	\$0	Q3.S.E	The Feinstein Institute for Medical Research
UC Davis Center for Children's Environmental Health (CCEH) Bridge	\$0	Q3.S.F	University of California, Davis
Early life environmental exposures and autism in an existing Swedish birth cohort	\$0	Q3.S.H	Drexel University
Elevated urinary P-cresol in small autistic children: Origin and consequences	\$0	Q3.S.I	Universita Campus Bio-Medico di Roma
Regressive autism as an infectious disease: Role of the home as an environmental factor	\$0	Q3.S.I	VA Medical Center, Los Angeles
Defining the underlying biology of gastrointestinal dysfunction in autism	\$0	Q3.S.I	University of California, Davis
Evaluating the Functional Impact of Epigenetic Control Related Genes Mutated in both Schizophrenia and Autism	\$0	Q3.S.J	Columbia University
Genome-wide analyses of DNA methylation in autism	\$0	Q3.S.J	Mount Sinai School of Medicine
Mutations in heterochromatin-related genes in autism	\$0	Q3.S.J	Hebrew University of Jerusalem
The role of serotonin in social bonding in animal models	\$0	Q3.S.K	University of California, Davis
Genetic and environmental interactions leading to autism-like symptoms	\$0	Q3.S.K	The Rockefeller University
Cellular and Synaptic Dissection of the Neuronal Circuits of Social and Autistic Behavior	\$0	Q3.S.K	University of Coimbra
Testing the use of helminth worm ova in treating autism spectrum disorders	\$0	Q4.L.A	Montefiore Medical Center
A multi-site double-blind placebo-controlled trial of memantine vs. placebo in children with autism	\$0	Q4.L.A	Holland Bloorview Kids Rehabilitation Hospital
Randomized phase 2 trial of RAD001 (an mTOR inhibitor) in patients with tuberous sclerosis complex	\$0	Q4.L.A	Boston Children's Hospital
Association of cholinergic system dysfunction with autistic behavior in fragile X syndrome: Pharmacologic and imaging probes	\$0	Q4.L.A	Stanford University
Effectiveness of reciprocal imitation training for adolescents with low-functioning autism	\$0	Q4.L.D	Michigan State University
Effects of active motor & social training on developmental trajectories in infants at high risk for ASD	\$0	Q4.Other	Kennedy Krieger Institute

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Whole Brain Mapping of the Effects of Intranasal Oxytocin in CNTNAP2 KO Mouse Model of Autism	\$0	Q4.Other	Cold Spring Harbor Laboratory
Characterization of synaptic and neural circuitry dysfunction underlying ASD-like behaviors using a novel genetic mouse model	\$0	Q4.S.B	Duke University
Functional consequences of disrupted MET signaling	\$0	Q4.S.B	Children's Hospital Los Angeles
Neural and cognitive mechanisms of autism	\$0	Q4.S.B	Massachusetts Institute of Technology
A mouse model of top-down interactions	\$0	Q4.S.B	The Rockefeller University
Role of RAS/RAF/ERK pathway in pathogenesis and treatment of autism	\$0	Q4.S.B	New York State Institute for Basic Research in Developmental Disabilities
Quantitative analysis of effect of autism-related genes on behavioral regulation	\$0	Q4.S.B	University of California, San Francisco
Perinatal choline supplementation as a treatment for autism	\$0	Q4.S.B	Boston University
Establishing next-generation tools for quantitative behavioral phenotyping	\$0	Q4.S.B	Harvard Medical School
Cell type-specific profiling for autism spectrum disorders	\$0	Q4.S.B	Columbia University
Optical imaging of circuit dynamics in autism models in virtual reality	\$0	Q4.S.B	Harvard Medical School
Role of Caspr2 (CNTNAP2) in brain circuits - Project 2	\$0	Q4.S.B	University of California, Los Angeles
Role of astrocytic glutamate transporter GLT1 in fragile X	\$0	Q4.S.B	Tufts University
Using induced-pluripotent stem cells to study Phelan McDermid Syndrome	\$0	Q4.S.B	Stanford University School of Medicine
Rat knockout models of ASD	\$0	Q4.S.B	Baylor College of Medicine
Functional study of synaptic scaffold protein SHANK3 and autism mouse model	\$0	Q4.S.B	Duke University
Tuning anxiety out: Exploring the potential of noise cancellation in ASD sound sensitivity	\$0	Q4.S.C	Brunel University
Internet-based trial of omega-3 fatty acids for autism spectrum disorder	\$0	Q4.S.C	University of California, San Francisco
Behavioral and psycho-physiological study of attentional, perceptual, and emotional processing after treatment with ambient prism lenses and visuo-motor exercises in children with autism spectrum disorder	\$0	Q4.S.C	University of Louisville
The effects of the Hane Face Window© on perceptual processing of children with autism spectrum disorders (ASD)	\$0	Q4.S.C	University of Minnesota
Metabolic factors affecting gamma synchrony	\$0	Q4.S.C	University of Louisville; Northeastern University
Electrophysiological and behavioral outcomes of Auditory Integration Training (AIT) in autism	\$0	Q4.S.C	University of Louisville

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Gender and cognitive profile as predictors of functional outcomes in school-aged children with ASD	\$0	Q4.S.F	Emory University Marcus Autism Center
Evidence-based cognitive rehabilitation to improve functional outcomes for young adults with autism spectrum disorders	\$0	Q4.S.F	University of Pittsburgh
Comparing AMMT vs. Control Therapy in facilitating speech output in nonverbal children with autism	\$0	Q4.S.G	Beth Israel Deaconess Medical Center
Using an internet-based program to teach a naturalistic intervention to parents of children with ASD	\$0	Q5.L.C	Michigan State University
Transitioning Together: An intervention program for adolescents with ASD and their families	\$0	Q5.Other	Waisman Center
Occurrence and family impact of elopement in children with ASD	\$0	Q5.S.D	Kennedy Krieger Institute
Social-pragmatic treatment for adults with autism spectrum disorder: The Interview Skills Curriculum	\$0	Q6.L.A	Florida State University
Estimating the economic costs of autism	\$0	Q6.L.D	London School of Economics
Survey of services needs of adults with ASD	\$0	Q6.S.A	Kennedy Krieger Institute
Understanding Cell Heterogeneity In Human Brain Using Droplet Microfluidics And Single-Cell Transcriptomics	\$0	Q7.D	Harvard Medical School
Foundation Associates agreement (BrainNet)	\$0	Q7.D	
Engineering and Autism Workshop	\$0	Q7.K	University of Southern California
Banbury Center Conference	\$0	Q7.K	Cold Spring Harbor Laboratory
International Meeting for Autism Research (IMFAR) Support	\$0	Q7.K	International Society for Autism Research
Infrastructure support for autism research at MIT	\$0	Q7.K	Massachusetts Institute of Technology
ERK signaling and autism: Biomarker development	\$2,405	Q1.L.B	University of California, San Francisco
Increasing variability of verbal initiations through the responses of conversation patterns	\$2,449	Q4.Other	Texas Christian University
Baby Siblings Research Consortium	\$2,698	Q1.S.B	Autism Speaks (AS)
To Determine Epidermal growth factor (EGF) and EGF Receptor Plasma Concentration and It's Relationship to Hepatocyte Growth Factor (HGF), GABA Levels and Symptom Severity in Autistic Children	\$4,500	Q2.S.A	Hartwick College
Cross-Model Automated Assessment of Behavior during Social Interactions in Children with ASD	\$5,000	Q1.S.A	Yale University
The effects of autism on the sign language development of deaf children	\$5,000	Q1.S.B	Boston University
Sex differences in the neural mechanisms of treatment response	\$5,000	Q2.S.B	Yale University
Role of astrocytic glutamate transporter GLT1 in Fragile X	\$5,000	Q2.S.D	Tufts University

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2013 Dup15q Alliance Scientific Meeting Support	\$5,000	Q4.S.E	Dup15q Alliance
Partners in Schools: A program for parents and teachers of children with autism	\$5,000	Q5.L.C	University of Pennsylvania
Use of Real Time Video Feedback to Enhance Special Education Teacher Training	\$5,000	Q5.L.C	UCSD
To Study Maternal Anti-GAD Antibodies in Autism	\$5,260	Q3.S.E	Hartwick College
Sponsorship of NeuroDevNet Brain Development Conference	\$7,500	Q7.K	NeuroDevNet
Health-related quality of life and its determinants in adults with ASD	\$8,368	Q6.S.A	University of Mississippi
Using lag schedules of reinforcement to teach play skills to children with autism spectrum disorders	\$9,278	Q4.L.D	Texas State University
Training paraprofessionals to provide appropriate social opportunities for children with ASD	\$9,296	Q5.L.C	University of California, Santa Barbara
Response interruption and redirection for stereotypy	\$9,800	Q5.L.A	Center for Autism and Related Disorders (CARD)
Identifying disparities in access to treatment for young children with autism	\$9,990	Q5.S.A	Chapin Hall at University of Chicago
Evaluation of synchronous online parent skill training	\$10,000	Q4.L.D	The Research Foundation of the State University of New York
Creating a more effective path to housing for people with ASD	\$10,000	Q6.Other	Westchester Institute for Human Development
Making Connections: White Matter Malformation in Developmental Disorders Conference	\$10,000	Q7.K	National Organization for Disorders of the Corpus Callosum
Inhibition in the CNS (GRS)	\$10,000	Q7.K	Gordon Research Conferences
A Controlled Trial of Transcendental Meditation to Treat Anxiety and Stress Among Adolescents with Autism Spectrum Disorders	\$10,400	Q4.S.A	Center for Autism Assessment and Treatment
Development of a connectomic functional brain imaging endophenotype of autism	\$13,634	Q2.Other	University of Cambridge
Teaching children with autism to identify others' knowledge	\$13,650	Q4.L.D	Center for Autism and Related Disorders (CARD)
Enhancing neurobehavioural and clinical definitions in autism spectrum disorders	\$14,000	Q2.Other	Monash University
Teaching children with autism to identify social saliency: Shifting attention	\$14,700	Q4.L.D	Center for Autism and Related Disorders (CARD)
Neuropeptide regulation of juvenile social behaviors	\$14,775	Q2.Other	Boston College
Brain-behavior interactions and visuospatial expertise in autism: a window into the neural basis of autistic cognition	\$14,800	Q2.Other	Hospital Riviere-des-Praires, University of Montreal, Canada
Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	\$14,950	Q2.Other	University of New South Wales



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Predicting outcomes in autism with functional connectivity MRI	\$14,998	Q1.L.B	National Institute of Mental Health
Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	\$15,000	Q1.L.A	Harvard University
Matrix metalloproteinases expression in autism spectrum disorders	\$15,000	Q2.Other	University of Naples
The role of the GRIP protein complex in AMPA receptor trafficking and autism spectrum disorders	\$15,000	Q2.Other	Johns Hopkins University
Neural underpinning of emotion perception and its disorders	\$15,000	Q2.Other	Dartmouth College
Abnormal connectivity in autism	\$15,000	Q2.Other	University of California, Los Angeles
Role of negative regulators of FGF signaling in frontal cortex development and autism	\$15,000	Q2.Other	University of California, San Francisco
Roles of miRNAs in regulation of Foxp2 and in autism	\$15,000	Q2.Other	Louisiana State University
Dissecting expression regulation of an autism GWAS hit	\$15,000	Q3.L.B	University of California, San Francisco
Paternal age and epigenetic mechanisms in psychiatric disease	\$15,000	Q3.S.J	Research Foundation for Mental Hygiene, Inc/NYSPI
CIHR Chair: Autism Spectrum Disorders Treatment and Care Research	\$15,000	Q4.Other	York University
Adverse prenatal environment and altered social and anxiety-related behaviors	\$15,000	Q4.S.B	University of Pennsylvania
Expanding the reach of toddler treatment in autism	\$18,569	Q4.L.D	University of California, Davis
Using a direct observation assessment battery to assess outcome of early intensive behavioral intervention for children with autism	\$20,000	Q1.L.B	New England Center for Children
A preliminary investigation of the neurobehavioral basis of sensory behavior in autism	\$20,000	Q2.Other	Kennedy Krieger Institute
Kit for Kids evaluation project: An initial evaluation of evidence-based peer education materials	\$20,000	Q4.L.D	University of Kentucky
Improving Social-Communication and Engagement of Elementary Students with Autism Spectrum Disorders	\$20,000	Q4.L.D	University of North Carolina at Chapel Hill
Enhancing traditional group social skill instruction using video-based group instruction tactics	\$20,000	Q4.L.D	Michigan State University
Sleep education program for adolescents with autism spectrum disorders	\$20,000	Q4.S.A	Vanderbilt University
An experimental evaluation of matrix training to teach graphic symbol combinations in severe autism	\$20,000	Q4.S.G	Purdue University
Growing Up Aware: A parent-based sexuality intervention for children with autism spectrum disorders	\$20,000	Q4.S.H	Columbia University
Increasing functional vocational skills in adolescents and adults with autism using behavioral economics	\$20,000	Q6.L.A	Rutgers, The State University of New Jersey

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ASD - Inflammatory Subtype: Molecular Mechanisms	\$20,148	Q2.S.A	Rutgers University
Gestational exposure questionnaire validation and feasibility study	\$20,262	Q3.S.H	University of California, Davis
Simons Simplex Collection support grant	\$20,991	Q3.L.B	Weill Cornell Medical College
Teaching children with autism to detect deception	\$21,000	Q4.L.D	Center for Autism and Related Disorders (CARD)
Simons Simplex Collection support grant	\$21,268	Q3.L.B	McGill University Health Centre- Montreal Children's Hospital
Simons Simplex Collection support grant	\$21,675	Q3.L.B	Columbia University
Teaching children with autism self-monitoring skills	\$22,400	Q4.L.D	Center for Autism and Related Disorders (CARD)
Modeling Gut Microbial Ecology and Metabolism in Autism Using an Innovative Ex Vivo Approach	\$22,441	Q3.S.I	University of Guelph
Teaching children with autism to deal with jealousy constructively	\$22,750	Q4.L.D	Center for Autism and Related Disorders (CARD)
Design and evaluation of a motion-sensing computer program for teaching children with autism	\$23,100	Q4.L.D	Center for Autism and Related Disorders (CARD)
Evaluation of the effects of web-based support on teacher self-efficacy	\$23,100	Q5.L.A	Center for Autism and Related Disorders (CARD)
Simons Simplex Collection support grant	\$23,171	Q3.L.B	Boston Children's Hospital
Simons Simplex Collection support grant	\$23,645	Q3.L.B	University of Illinois at Chicago
Simons Simplex Collection support grant	\$24,484	Q3.L.B	University of Washington
Increasing flexibility in children with autism	\$24,500	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism to respond to subtle social cues: Desires	\$24,500	Q4.L.D	Center for Autism and Related Disorders (CARD)
Factors affecting teacher implementation of ReThink Autism Program	\$24,942	Q5.L.C	Nova Southeastern University
Development of Vocal Coordination between Caregivers and Infants at Heightened Biological Risk for Autism Spectrum Disorder	\$25,000	Q1.L.A	University of Pittsburgh
GABA and Gamma-band Activity: Biomarker for ASD?	\$25,000	Q2.S.D	University of Pennsylvania
Alteration of Dendrite and Spine Number and Morphology in Human Prefrontal Cortex of Autism	\$25,000	Q2.S.D	University of California, Davis
The Role of Shank3 in Neocortex Versus Striatum and the Pathophysiology of Autism	\$25,000	Q2.S.G	Duke University
Human Clinical Trial of IGF-1 in Children with Idiopathic ASD	\$25,000	Q4.L.C	Icahn School of Medicine at Mount Sinai
Meeting grant - International Meeting for Autism Research (IMFAR)	\$25,000	Q7.K	International Meeting for Autism Research (IMFAR)
Autism Treatment Network (ATN) 2011- KKI	\$25,000	Q7.N	Kennedy Krieger Institute

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Autism Treatment Network (ATN) 2011- Columbia University	\$25,000	Q7.N	Columbia University
Autism Treatment Network (ATN) 2011- BCM/TCH	\$25,000	Q7.N	Baylor College of Medicine
Simons Simplex Collection support grant	\$25,704	Q3.L.B	Yale University
Simons Simplex Collection support grant	\$25,735	Q3.L.B	Vanderbilt University Medical Center
The neural basis of weak central coherence in autism spectrum disorders	\$26,080	Q2.Other	Yale University
Simons Simplex Collection support grant	\$26,824	Q3.L.B	Baylor College of Medicine
Denritic Cell Function in Autism	\$26,920	Q2.S.A	MIND Institute
Effects of incidental teaching on expressive language of school age children with ASD who use AAC	\$27,344	Q4.L.D	Pennsylvania State University
Anxiety treatment for children with autism and intellectual disability	\$27,460	Q4.S.A	University of California, Los Angeles
The use of non-invasive brain stimulation to improve social relating in autism spectrum disorders	\$28,000	Q4.S.F	Monash University
Improving maintenance procedures in early intensive behavioral intervention (EIBI)	\$28,000	Q5.L.C	Center for Autism and Related Disorders (CARD)
Stimulus preceding negativity and social stimuli in autism spectrum disorder	\$28,580	Q2.Other	University of California, San Diego
Neural Correlates of Imitation in Children with Autism and their Unaffected Siblings	\$28,600	Q2.L.B	Harvard University
Electrophysiologic biomarkers of language function in autism spectrum disorders	\$28,600	Q2.L.B	University of California, Los Angeles
Thalamocortical connectivity in children and adolescents with ASD-A combined fcMRI and DTI approach	\$28,600	Q2.Other	San Diego State University
IL-1beta and IL1RAPL1: Gene-environment interactions regulating synapse density and function in ASD	\$28,600	Q2.S.A	University of California, Davis
Why are autistic females rare and severe? An approach to autism gene identification.	\$28,600	Q2.S.B	Johns Hopkins University
Evaluating hyperserotonemia as a biomarker of sensory dysfunction in autism spectrum disorder	\$28,600	Q4.S.B	Vanderbilt University
Role of Intestinal Microbiome in Children with Autism	\$29,000	Q3.S.I	Massachusetts General Hospital
Prenatal Androgen in Meconium and Early Autism Spectrum Disorder Related Neurodevelopmental Outcomes	\$29,423	Q3.S.H	Drexel University
Convergence of immune and genetic signaling pathways in autism and schizophrenia	\$29,430	Q2.S.A	University of California, Davis
Pragmatic language and social-emotional processing in autism, fragile X, and the FMR1 premutation	\$29,474	Q2.S.D	Northwestern University

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Exploring Social Attribution in Toddlers At Risk for Autism Spectrum Disorder (ASD)	\$29,500	Q1.L.A	Georgia State University
Using fMRI to understand the Neural Mechanisms of Pivotal Response Treatment	\$29,500	Q2.L.B	University of California, Santa Barbara
Functional Connectivity during Working Memory in Children with ASD: A NIRS Study	\$29,500	Q2.Other	Georgetown University
A system-level approach for discovery of phenotype specific genetic variation in ASD	\$29,500	Q2.S.G	Hebrew University
Parental Exposures to Occupational Asthmagens and Risk of Autism Spectrum Disorders	\$29,500	Q3.S.H	Johns Hopkins University
Using Growth Trajectories To Predict Distal Outcomes in Parent-Implemented Intervention for Toddlers	\$29,500	Q4.L.D	Florida State University
Stress as a Predictor of Outcomes for Adults with Autism Spectrum Disorders	\$29,500	Q6.Other	University of Pittsburgh
Behavioral and neural responses to emotional faces in individuals with ASD	\$29,871	Q2.Other	Harvard University
Probing the temporal dynamics of aberrant neural communication and its relation to social processing deficits in autism spectrum disorders	\$29,987	Q2.Other	University of Pittsburgh
Sequence-based discovery of genes with pleiotropic effects across diagnostic boundaries and throughout the lifespan	\$29,995	Q3.L.B	Massachusetts General Hospital and Harvard University
Investigating brain organization and activation in autism at the whole-brain level	\$30,000	Q2.Other	California Institute of Technology
Studying Rett and Fragile X syndrome in human ES cells using TALEN technology	\$30,000	Q2.S.D	Whitehead Institute for Biomedical Research
Simons Simplex Collection support grant	\$30,000	Q3.L.B	University of California, Los Angeles
Simons Simplex Collection support grant	\$30,000	Q3.L.B	University of Missouri
Simons Simplex Collection support grant	\$30,000	Q3.L.B	Emory University
Effectiveness of a virtual coach application in social skills training for teens with ASD	\$30,000	Q4.L.D	University of California, Los Angeles
Exploration of resting-state network dynamics in autism spectrum disorders	\$30,000	Q4.Other	Harvard University
An exploration of genetic and behavioral variables in Autism Spectrum Disorder	\$30,800	Q3.S.A	Center for Autism and Related Disorders (CARD)
Assessing sleep regulation, sleep-dependent memory consolidation, and sleep-dependent synaptic plasticity in mouse genetic models of schizophrenia and autism spectrum disorders	\$32,469	Q2.S.E	University of Pennsylvania
Comparing table based instruction with Ipad instruction in the teaching of receptive labels.	\$33,250	Q4.S.C	Center for Autism and Related Disorders (CARD)

Project Title	Funding	Strategic Plan Objective	Institution
Randomized trial of a web-based system for building Individualized Education Plans.	\$33,250	Q4.S.C	Center for Autism and Related Disorders (CARD)
Healthy GFCF Modified Atkins Diet for Treating Seizures in Autism	\$34,000	Q4.S.C	University of Arkansas & Arizona St. University
Developing a Sensory Reactivity Composite Score for the New DSM-5	\$35,000	Q1.S.B	Icahn School of Medicine at Mount Sinai
Sex-Specific Gene-Environment Interactions Underlying ASD	\$35,000	Q2.S.B	Rockefeller University
Molecular Characterization of Autism Gene CHD8 in Shaping the Brain Epigenome	\$35,000	Q3.L.B	Boston Children's Hospital
Speech disorders in individuals with 16p11.2 deletion or duplication	\$40,000	Q2.S.G	University of Wisconsin
Multi-Site, Randomized, Controlled Implementation Trial of an Evidence-Based, Adult and Peer-Mediated Social Skills Intervention for Elementary School Children with Autism Spectrum Disorder	\$40,000	Q5.S.C	University of Pennsylvania
The role of brainstem NTS inflammation and oxidative stress in Autism	\$43,000	Q2.S.A	Wadsworth Center
Auditory cortical plasticity in a mouse model of Rett syndrome	\$43,501	Q2.S.D	Cold Spring Harbor Laboratory
Quality of Life During Midlife in Adults with ASD: Supplement on Dementia	\$44,589	Q6.Other	Waisman Center
Cellular and molecular pathways of cortical afferentation in autism spectrum disorders	\$45,000	Q4.S.B	University of Geneva
Validity of the CARD Indirect Functional Analysis.	\$45,000	Q4.S.C	Center for Autism and Related Disorders (CARD)
Randomized trial of a web-based system for building behavior intervention plans	\$45,500	Q5.L.A	Center for Autism and Related Disorders (CARD)
Understanding the etiological significance of attentional disengagement in infants at-risk for ASD	\$49,000	Q2.L.A	Boston Children's Hospital
Early-Stage Visual Processing in ASD: Neurophysiological Biomarkers Using Visual Evoked Potentials	\$49,264	Q1.L.B	Icahn School of Medicine at Mount Sinai
Probing the Molecular Mechanisms Underlying Autism: Examination of Dysregulated Protein Synthesis	\$49,300	Q2.S.D	National Institute of Mental Health (NIH)
GABAergic dysfunction in autism	\$50,000	Q2.Other	Johns Hopkins University
Behavioral and neural underpinnings of learning in autism predict response to intervention	\$50,000	Q4.S.F	Weill Cornell Medical College
Effects of oxytocin receptor agonists in mouse models of autism spectrum disorder phenotypes	\$50,600	Q4.S.B	University of North Carolina at Chapel Hill
Social reward in autism: Electrophysiological, behavioral, and clinical correlates	\$51,400	Q2.Other	Seattle Childrens Hospital

Project Title	Funding	Strategic Plan Objective	Institution
Improved early detection of autism using novel statistical methodology	\$52,966	Q1.L.B	Yale University
Pathologic and genetic characterization of novel brain cortical patches in young autistic brains	\$53,000	Q2.Other	University of California, San Francisco
The BUFFET Program: Building Up Food Flexibility and Exposure Treatment	\$53,104	Q4.Other	Children's Hospital of Philadelphia
Identifying genetic variants on the Y chromosome of males with autism	\$53,430	Q3.L.B	The Hospital for Sick Children
Attention & word learning in children with ASD- Translating experimental findings into intervention	\$53,500	Q2.Other	Women & Infants Hospital
Randomized controlled trial of oxytocin treatment for social deficits in children with autism	\$53,600	Q4.L.A	Stanford University
Genetic models of autism in human neural progenitor cells: a platform for therapeutic discovery	\$54,400	Q2.Other	University of California, Los Angeles
The role of UBE3A in autism: Is there a critical window for social development?	\$54,450	Q2.S.D	Erasmus University Medical Center
Brain electrophysiology of interactive social stimuli	\$54,459	Q2.Other	Yale University
Factors influencing early associative learning as a precursor to social behavior heterogeneity	\$54,500	Q2.S.G	University of Southern California
The effects of behavioral intervention on neurological measures of working memory	\$55,000	Q4.S.F	Center for Autism and Related Disorders (CARD)
Role of CNTNAP2 in neuronal structural development and synaptic transmission	\$55,200	Q2.Other	Stanford University
High metabolic demand of fast-spiking cortical interneurons underlying the etiology of autism	\$56,000	Q2.Other	Weill Cornell Medical College
Growth charts of altered social engagement in infants with autism	\$56,589	Q1.L.A	Emory University
South Carolina Children's Educational Surveillance Study: Comparison of DSM-IV & DSM-5 prevalence	\$56,606	Q1.Other	Medical University of South Carolina
Mapping functional connectivity networks in autism spectrum disorder with diffuse optical tomography	\$56,900	Q2.Other	Washington University in St. Louis
Understanding the brain basis of impaired imitation learning in autism	\$56,900	Q2.Other	Kennedy Krieger Institute
Single-unit recordings in neurosurgical patients with autism	\$56,900	Q2.S.E	California Institute of Technology
Integrative system biology of iPSC-induced neurons for identifying novel drug targets	\$56,900	Q4.S.B	Baylor College of Medicine
Emergent communication skills of nonverbal children with autism facilitated by relational responding	\$57,996	Q4.S.G	Swansea University
Multimodal neuroimaging of motor dysfunction in autism spectrum disorders	\$58,000	Q2.Other	University of Colorado Denver

Project Title	Funding	Strategic Plan Objective	Institution
Functional and anatomical recovery of synaptic deficits in a mouse model of Angelman Syndrome	\$58,000	Q2.S.D	University of North Carolina at Chapel Hill
Amygdala circuitry of impaired social-emotional behavior in autism	\$58,488	Q2.Other	Rosalind Franklin University of Medicine and Science
In-vivo MRS assay of brain glutamate-GABA balance and drug response in autism	\$58,561	Q2.L.B	King's College London
A non-interactive method for teaching noun and verb meanings to young children with ASD	\$58,900	Q4.Other	Boston University
Preclinical therapeutic target validation of glutamate receptors in Shank3 models of autism	\$58,900	Q4.S.B	University of Texas Southwestern Medical Center
RNA expression at human fragile X synapses	\$59,217	Q2.S.D	University of North Carolina at Chapel Hill and North Carolina State University
Fever, meningeal immunity and immune factors in autism	\$59,500	Q2.S.A	University of Virginia
Assessing the Cognitive Deficits Associated with 16p11.2 Deletion Syndrome	\$59,734	Q2.S.G	Posit Science Corporation
Examining vocational services for adults with autism	\$59,755	Q6.S.A	University of Calgary
Imaging-based real-time feedback to enhance therapeutic intervention in ASD	\$59,825	Q2.L.B	Stanford University
Hybrid social communication intervention for children with ASD: Sibling mediation and video modeling	\$59,997	Q4.Other	Portland State University
Testing the tuning-width hypothesis in a unified theory for autism	\$60,000	Q1.L.B	Columbia University Medical Center
Altered sensorimotor processing in a mouse model of autism	\$60,000	Q2.Other	Louisiana State University School of Veterinary Medicine
Modeling alteration of RBFOX1 (A2BP1) target network in autism	\$60,000	Q2.Other	Columbia University
Impact of NR2B mutations on NMDA receptors and synapse formation	\$60,000	Q2.Other	Case Western Reserve University
Contribution of cerebellar CNTNAP2 to autism in a mouse model	\$60,000	Q2.Other	University of Oxford
A novel transplantation assay to study human PTEN ASD alleles in GABAergic interneurons	\$60,000	Q2.Other	University of California, San Francisco
Restoring cortical plasticity in a Rett mouse model	\$60,000	Q2.S.D	Stanford University
Physiological studies in a human stem cell model of 15q duplication syndrome	\$60,000	Q2.S.D	University of Connecticut
TMLHE deficiency and a carnitine hypothesis for autism	\$60,000	Q2.S.D	Baylor College of Medicine
Bi-directional regulation of Ube3a stability by cyclic AMP-dependent kinase	\$60,000	Q2.S.D	University of North Carolina at Chapel Hill
Testing the ribosomal protein S6 as treatment target and biomarker in autism spectrum disorders	\$60,000	Q2.S.D	Cincinnati Childrens Hospital Medical Center

Project Title	Funding	Strategic Plan Objective	Institution
Role of myelinating cells in autism spectrum disorders	\$60,000	Q2.S.G	University of California, San Francisco
Identification of functional networks perturbed in autism	\$60,000	Q3.L.B	Columbia University
Environmental exposure unveils mitochondrial dysfunction in autism	\$60,000	Q3.S.E	University of California, Davis
Conservation of imprinting for autism-linked genes in the brain	\$60,000	Q3.S.J	University of Utah
5-Hydroxymethylcytosine-mediated epigenetic regulation in autism spectrum disorders	\$60,000	Q3.S.J	Emory University
Exploring links between multisensory and cognitive function in autism	\$60,000	Q4.Other	Vanderbilt University
Misregulation of microtubule dynamics in Autism	\$60,000	Q4.S.B	Drexel University
Exploring VIPR2 microduplication linkages to autism in a mouse model	\$60,000	Q4.S.B	University of California, Los Angeles
Mechanism and treatment of ASD related behavior in the Cntnap2 knockout mouse model	\$60,000	Q4.S.B	University of California, Los Angeles
Temporally controlled genetic rescue of Shank3 autism model	\$60,000	Q4.S.B	University of Texas Southwestern Medical Center
Embodied rhythm interventions for children with autism spectrum disorders	\$60,000	Q4.S.C	University of Connecticut
Economic burden of current and future autism	\$60,000	Q6.L.D	University of California, Davis
Beta-catenin signaling in autism spectrum disorders	\$60,100	Q2.S.G	University of Illinois at Chicago
Cortico-striatal dysfunction in the eIF4E transgenic mouse model of autism	\$61,999	Q2.S.D	New York University
Neurobiology of RAI1, the causal gene for Smith-Magenis syndrome	\$62,314	Q2.S.D	Stanford University
Role of cadherin 8 in assembling circuits in the prefrontal cortex	\$62,376	Q4.S.B	Mount Sinai School of Medicine
CNTNAP2 regulates production, migration and organization of cortical neurons	\$62,496	Q2.Other	Memorial Sloan-Kettering Cancer Center
Characterizing 22q11.2 abnormalities	\$62,498	Q2.S.D	Children's Hospital of Philadelphia
Hippocampal mechanisms of social learning in animal models of autism	\$62,500	Q2.Other	Baylor College of Medicine
Role of endosomal NHE6 in brain connectivity and autism	\$62,500	Q2.Other	Brown University
Analysis of autism linked genes in C. elegans	\$62,500	Q2.Other	Massachusetts General Hospital
Role of LIN28/let-7 axis in autism	\$62,500	Q2.Other	Johns Hopkins University School of Medicine
Molecular signatures of autism genes and the 16p11.2 deletion	\$62,500	Q2.Other	Massachusetts General Hospital
Pathogenic roles of paternal-age-associated mutations in autism	\$62,500	Q2.Other	Weill Cornell Medical College



Project Title	Funding	Strategic Plan Objective	Institution
Mapping functional neural circuits that mediate social behaviors in autism	\$62,500	Q2.Other	Duke University Medical Center
Unreliability of neuronal responses in mouse models of autism	\$62,500	Q2.Other	Carnegie Mellon University
Cerebellar plasticity and learning in a mouse model of autism	\$62,500	Q2.Other	University of Chicago
Protein interaction networks in autism	\$62,500	Q2.Other	Harvard Medical School
Functional analysis of EFR3A mutations associated with autism	\$62,500	Q2.Other	Yale University
GABRB3 and prenatal immune events leading to autism	\$62,500	Q2.S.A	Stanford University
Role of GABA interneurons in a genetic model of autism	\$62,500	Q2.S.D	Yale University
Linking genetic mosaicism, neural circuit abnormalities and behavior	\$62,500	Q2.S.D	Brown University
Genome-wide analysis of cis-regulatory elements in autism	\$62,500	Q3.L.B	Washington University in St. Louis
Studying the neural development of patient-derived stem cells	\$62,500	Q4.S.B	Johns Hopkins University School of Medicine
Deficits in tonic inhibition and the pathology of autism spectrum disorders	\$62,500	Q4.S.B	Tufts University
Effect of abnormal calcium influx on social behavior in autism	\$62,500	Q4.S.B	University of California, San Francisco
Biomarker discovery for low sociability: A monkey model	\$62,500	Q4.S.B	Stanford University
Genetic contribution to language-related preclinical biomarkers of autism	\$63,513	Q2.S.D	University of Pennsylvania
Mobilized technology for rapid screening and clinical prioritization of ASD	\$63,535	Q1.S.B	Stanford University
Addressing challenges to post-mortem tissue donation in families affected with autism	\$64,000	Q2.S.C	Autism Science Foundation
Validity of a web-based indirect Skills Assessment	\$65,500	Q5.L.A	Center for Autism and Related Disorders (CARD)
Hyperthermia and the amelioration of autism symptoms	\$66,153	Q2.S.A	Montefiore Medical Center
Identification and analysis of ASD patients with PI3K/mTOR signalopathies	\$66,500	Q2.Other	Emory University
Using eLearning to train educational staff to implement paired-choice preference assessments	\$66,500	Q4.S.C	Center for Autism and Related Disorders (CARD)
Resilience Education for Increasing Success in Postsecondary Education	\$67,250	Q6.Other	3-C Institute for Social Development
A functional near-infrared spectroscopy study of first signs of autism	\$67,573	Q1.L.A	Stanford University
Treating autism and epileptic discharges with valproic acid	\$68,088	Q4.S.A	Boston Children's Hospital

Project Title	Funding	Strategic Plan Objective	Institution
Evaluation of a melanocortin agonist to improve social cognition in autism	\$74,675	Q4.L.A	University of Sydney
Investigating the etiology of childhood disintegrative disorder	\$74,970	Q2.S.F	Yale University
Characterizing sleep disorders in autism spectrum disorder	\$75,107	Q2.S.E	Stanford University
Role of UBE3A in neocortical plasticity and function	\$77,686	Q4.S.B	University of North Carolina at Chapel Hill
Role of Caspr2 (CNTNAP2) in brain circuits - Project 1	\$79,675	Q4.S.B	King's College London
Increasing ASD screening and referral among NYC's Korean Americans	\$79,680	Q5.L.A	University of Pennsylvania
Statistical methodology and analysis of the Simons Simplex Collection and related data	\$80,389	Q2.S.G	University of Pennsylvania
Mouse Model of Dup15q Syndrome	\$84,253	Q2.S.D	Texas AgriLife Research
Early intervention in an underserved population	\$85,420	Q4.L.D	University of Michigan
Social brain circuits and fever-evoked response in 16p11.2 mice	\$87,500	Q2.Other	Cold Spring Harbor Laboratory
Functional analysis of EPHB2 mutations in autism - Project 1	\$89,633	Q2.Other	Yale University
Role of Caspr2 (CNTNAP2) in brain circuits- Core	\$89,999	Q4.S.B	Weizmann Institute of Science
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	\$90,000	Q1.L.A	University of North Carolina at Chapel Hill
Characterization of brain and behavior in 7q11.23 duplication syndrome-Project 1	\$90,713	Q4.S.B	University of California, Davis
Preclinical Autism Consortium for Therapeutics (PACT)- Boston Children's Hospital Site	\$91,174	Q4.S.B	Boston Children's Hospital
Preclinical Autism Consortium for Therapeutics	\$94,331	Q4.S.B	University of California, Davis
Telehealth System to Improve Medication Management of ASD Remotely	\$95,480	Q7.Other	Behavior Imaging Solutions
Simons Simplex Community at the Interactive Autism Network (SSC@IAN)	\$97,500	Q7.C	Kennedy Krieger Institute
Preclinical Autism Consortium for Therapeutics (PACT) at Baylor College of Medicine	\$98,351	Q4.S.B	Baylor College of Medicine
Increasing autism awareness in Ethiopia: The HEAT+ project	\$99,750	Q5.L.A	The Open University
Screening, diagnosis and parent training for young children with ASD in Albania	\$99,948	Q5.L.A	University of Connecticut
Mirtazapine treatment of anxiety in children and adolescents with pervasive developmental disorders	\$99,971	Q4.L.C	Indiana University
Neurexin-neuroligin trans-synaptic interaction in learning and memory	\$100,000	Q2.Other	Columbia University

Project Title	Funding	Strategic Plan Objective	Institution
Anti-Neuronal Autoantibodies in PANDAS and Autism Spectrum Disorders	\$100,000	Q2.S.A	University of Oklahoma Health Sciences Center
16p11.2 rearrangements: Genetic paradigms for neurodevelopmental disorders	\$100,000	Q2.S.D	University of Lausanne
Platform for autism treatments from exome analysis	\$100,000	Q2.S.E	Rockefeller University
Investigation of Transgenerational Neurodevelopmental Impacts of Gestational Pharmaceuticals	\$100,000	Q3.S.H	Institute of Preventive Medicine at Frederiksberg Hospital
Comprehensive parent-mediated intervention for children with autism in southern Taiwan	\$100,000	Q4.S.D	Johns Hopkins University
Improving educational identification in rural communities	\$100,000	Q5.L.C	University of Colorado Denver
Interactive Autism Network-Core Activities	\$100,000	Q7.Other	Hugo W. Moser Research at Kennedy Krieger, Inc.
Regulation of gene expression through complex containing AUTS2	\$100,854	Q3.S.J	New York University School of Medicine
16p11.2: Defining the gene(s) responsible (grant 1)	\$104,190	Q4.S.B	Cold Spring Harbor Laboratory
Local functional connectivity in the brains of people with autism	\$108,297	Q2.L.B	Massachusetts General Hospital
Bone marrow transplantation and the role of microglia in autism	\$109,651	Q2.S.A	University of Virginia
Identification of candidate serum antibody biomarkers for ASD	\$112,032	Q1.L.B	University of Texas Southwestern Medical Center
Correcting excitatory-inhibitory imbalance in autism	\$112,500	Q2.Other	University of North Carolina at Chapel Hill
Autism Treatment Network (ATN) 2011- Arkansas	\$113,436	Q7.N	University of Arkansas for Medical Sciences
Extracellular signal-related kinase biomarker development in autism	\$115,779	Q1.L.B	Cincinnati Children's Hospital Medical Center - Research Foundation
A Centralized Standard Database for the Baby Siblings Research Consortium	\$117,851	Q1.L.A	University of California, Davis
Novel approaches to enhance social cognition by stimulating central oxytocin release	\$119,499	Q4.S.B	Emory University
Interneuron subtype-specific malfunction in autism spectrum disorders	\$120,000	Q2.Other	New York University School of Medicine
Direct recording from autism brains	\$120,148	Q2.S.E	California Institute of Technology
Characterizing autism-related intellectual impairment and its genetic mechanisms	\$120,472	Q1.S.B	The Children's Hospital of Philadelphia
VIP Family Meetings	\$121,016	Q2.S.G	VIP Family Meetings
Role of microglia and complement at developing synapses in ASD	\$122,500	Q2.S.A	Boston Children's Hospital
Simons Variation in Individuals Project (VIP) Principal Investigator	\$123,623	Q2.S.G	Columbia University
Connections between autism, serotonin and hedgehog signaling	\$124,401	Q2.S.D	Medical Research Council-National Institute for Medical Research

Project Title	Funding	Strategic Plan Objective	Institution
Genetic investigations of motor stereotypies	\$124,538	Q2.S.G	Yale University
Prenatal folic acid and risk for autism spectrum disorders	\$124,870	Q3.S.H	Emory University School of Medicine
Social interaction and reward in autism: Possible role for ventral tegmental area	\$124,936	Q2.Other	University of Geneva
Functional analysis of EPHB2 mutations in autism	\$124,950	Q2.Other	McLean Hospital
Mutations in noncoding DNA and the missing heritability of autism	\$124,987	Q3.L.B	University of California, San Diego
Roles of pro-inflammatory Th17 cells in autism	\$124,989	Q2.S.A	New York University
Using fruit flies to map the network of autism-associated genes	\$124,996	Q2.Other	University of California, San Diego
Assessing the accuracy of rapid phenotyping of nonverbal autistic children	\$124,998	Q1.S.A	Kennedy Krieger Institute
Genetic model to study the ASD-associated gene A2BP1 and its target PAC1	\$125,000	Q2.Other	Weizmann Institute of Science
Local connectivity in altered excitation/inhibition balance states	\$125,000	Q2.Other	Weizmann Institute of Science
Identification of genes responsible for a genetic cause of autism	\$125,000	Q2.Other	Case Western Reserve University
Retrograde synaptic signaling by Neurexin and Neuroligin in C. elegans	\$125,000	Q2.Other	Massachusetts General Hospital
Motor cortex plasticity in MeCP2 duplication syndrome	\$125,000	Q2.S.D	Baylor College of Medicine
Probing the neural basis of social behavior in mice	\$125,000	Q2.S.D	Massachusetts Institute of Technology
Translational dysregulation in autism pathogenesis and therapy	\$125,000	Q2.S.D	Massachusetts General Hospital
Comprehensive phenotypic characterization of the 17q12 deletion syndrome	\$125,000	Q2.S.G	Weis Center for Research - Geisinger Clinic
Cerebellar signaling in mouse models of autism	\$125,000	Q4.S.B	Northwestern University
NMR/cryo-mMR Machine	\$125,000	Q7.P	Texas Children's Hospital
EU-AIMS	\$130,188	Q7.C	King's College London
Cryptic chromosomal aberrations contributing to autism	\$135,649	Q3.L.B	Massachusetts General Hospital
Autism Treatment Network (ATN) 2011- University of Missouri	\$136,664	Q7.N	University of Missouri
Using Parent Report to Identify Infants Who Are at Risk for Autism Spectrum Disorder (ASD)	\$137,090	Q1.S.B	University of North Carolina
Identifying high-impact therapeutic targets for autism spectrum disorders using rat models	\$137,173	Q4.S.B	Mount Sinai School of Medicine
Autism Treatment Network (ATN) 2011- Glenrose Rehabilitation Hospital	\$139,002	Q7.N	University of Alberta

Project Title	Funding	Strategic Plan Objective	Institution
Autism Treatment Network (ATN) 2011- Children's Hospital Los Angeles	\$140,000	Q7.N	Children's Hospital Los Angeles
Autism Treatment Network (ATN) 2011- University of Rochester	\$140,000	Q7.N	University of Rochester
Autism Treatment Network (ATN) 2011- CHOP	\$140,000	Q7.N	Children's Hospital of Philadelphia
Autism Treatment Network (ATN) 2011- MGH/LADDERS	\$140,000	Q7.N	Massachusetts General Hospital
Autism Treatment Network (ATN) 2011- U of Pittsburgh	\$140,000	Q7.N	University of Pittsburgh
Autism Treatment Network (ATN) 2011- Nationwide Children's Hospital	\$140,000	Q7.N	Nationwide Children's Hospital
Autism Treatment Network (ATN) 2011- OHSU	\$140,000	Q7.N	Oregon Health & Science University
Autism Treatment Network (ATN) 2011- University of Colorado Denver	\$140,000	Q7.N	Children's Hospital Colorado
Autism Treatment Network (ATN) 2011 - Cincinnati Children's Hospital Medical	\$140,000	Q7.N	Cincinnati Children's Hospital Medical Center
Autism Treatment Network (ATN) 2011- Vanderbilt University	\$140,000	Q7.N	Vanderbilt University
Autism Treatment Network (ATN) 2011-Toronto Consortium	\$140,000	Q7.N	Holland Bloorview Kids Rehabilitation Hospital
TrkB agonist therapy for sensorimotor dysfunction in Rett syndrome	\$141,976	Q2.S.D	Case Western Reserve University
Neuropathology of the social-cognitive network in Autism: a comparison with other structural theories	\$143,728	Q2.Other	University of Oxford
Characterizing the severely affected autism population	\$146,315	Q7.C	Maine Medical Center Research Institute
Why do people with autism spectrum disorders fare so differently in adult life?	\$146,546	Q6.S.A	King's College London
Efficacy of N-acetyl cysteine in autism	\$146,555	Q4.S.C	Deakin University
Control of synaptic protein synthesis in the pathogenesis and therapy of autism	\$148,914	Q4.S.B	Massachusetts General Hospital
Characterization of infants and toddlers with the 16p copy-number variation	\$149,372	Q2.S.G	Boston Children's Hospital
A multidimensional database for the Simons Simplex Collection	\$149,396	Q7.Other	University of California, Los Angeles
Training Community Providers to Implement an Evidence-Based Early Intervention Program	\$149,569	Q4.Other	University of California, Davis
Atypical architecture of prefrontal cortex in young children with autism	\$149,715	Q2.Other	University of California, San Diego
Acamprosate in Youth with Autism Spectrum Disorders	\$149,719	Q4.S.F	Cincinnati Children's Hospital Medical Center
Perinatal exposure to airborne pollutants and associations with autism phenotype	\$149,737	Q3.S.C	University of Southern California

Project Title	Funding	Strategic Plan Objective	Institution
Folate receptor autoimmunity in Autism Spectrum Disorders	\$149,755	Q2.S.A	State University of New York, Downstate Medical Center
Genomic influences on developmental course and outcome in Infants at risk of ASD: A Baby Siblings Research Consortium (BSRC) Study	\$149,882	Q3.S.A	University of Alberta
PASS: Parent-mediated intervention for autism spectrum disorders (ASD) in South Asia	\$149,916	Q4.S.D	University of Liverpool
A cerebellar mutant for investigating mechanisms of autism in Tuberous Sclerosis	\$149,967	Q2.S.D	Boston Children's Hospital
Near-infrared spectroscopy studies of early neural signatures of autism	\$149,977	Q2.L.B	Yale University
Very early behavioral indicators of ASD risk among NICU infants: A prospective study	\$149,986	Q3.S.H	Institute for Basic Research in Developmental Disabilities
ASD in Mid-Adulthood: A 40 Year Follow-Up of Individuals Served by the TEACCH Autism Program	\$149,995	Q6.L.B	University of North Carolina
Effects of self-generated experiences on social cognitive development in young children with autism	\$149,997	Q4.S.F	Kennedy Krieger Institute
Validation of web-based administration of the M-CHAT-R with Follow-up (M-CHAT-R/F)	\$149,999	Q1.S.B	Georgia State University
Classifying autism etiology by expression networks in neural progenitors and differentiating neurons	\$149,999	Q2.Other	Massachusetts General Hospital
Autism phenotypes in Tuberous Sclerosis: Risk factors, features & architecture	\$149,999	Q2.S.D	King's College London
Prevalence and patterns of medical co-morbidity and healthcare use before ASD diagnoses in children	\$149,999	Q3.S.E	Kaiser Foundation Research Institute
Genome-wide examination of DNA methylation in autism	\$149,999	Q3.S.J	Johns Hopkins University
Quality of life during midlife in adults with ASD	\$149,999	Q6.S.A	Waisman Center
Development of a Prospective Parent Report Measure to Identify ASD Risk in Infancy	\$150,000	Q1.S.B	University of California, Davis
The Brain Genomics Superstruct Project	\$150,000	Q2.L.B	Harvard University
Investigation of a possible role of the protocadherin gene cluster in autism	\$150,000	Q2.Other	Columbia University
Neurologin, oxidative stress and autism	\$150,000	Q2.Other	Oklahoma Medical Research Foundation
The mechanism of the maternal infection risk factor for autism	\$150,000	Q2.S.A	California Institute of Technology
Aberrant synaptic form and function due to TSC-mTOR-related mutation in autism spectrum disorders	\$150,000	Q2.S.D	Columbia University
Characterization of the sleep phenotype in adolescents and adults with autism spectrum disorder	\$150,000	Q2.S.E	Vanderbilt University
Molecular analysis of gene-environment interactions in the intestines of children with autism	\$150,000	Q2.S.E	Columbia University

Project Title	Funding	Strategic Plan Objective	Institution
Prenatal PBDE exposure and ASD-related developmental outcomes in the EARLI cohort	\$150,000	Q3.L.C	Drexel University
Air pollution, MET genotype and ASD risk: GxE Interaction in the EMA Study	\$150,000	Q3.S.C	Kaiser Permanente
Cognitive behavioral therapy for core autism symptoms in school-age children	\$150,000	Q4.L.D	University of California, Los Angeles
Investigating the effects of chromosome 22q11.2 deletions	\$150,000	Q4.S.B	Columbia University
Daily ratings of ASD Symptoms with digital media devices: An initial validity study	\$150,000	Q4.S.C	University of California, Los Angeles
Simons Variation in Individuals Project (VIP) Imaging Analysis Site	\$159,805	Q2.S.G	Harvard University
Epigenetic DNA modifications in autistic spectrum disorders	\$163,813	Q3.S.J	Johns Hopkins University School of Medicine
Characterization of brain and behavior in 7q11.23 duplication syndrome-Core	\$164,853	Q4.S.B	University of Toronto
Determining the role of GABA in four animal models of autism	\$166,895	Q2.Other	Neurochlore
Simons Variation in Individuals Project (VIP) Recruitment Core and Phase 2 Coordination Site	\$168,626	Q2.S.G	Geisinger Clinic, Weis Center for Research
Bridging Basic Research with Clinical Research with the Aim of Discovering Biomarkers for Autism	\$169,295	Q1.L.A	Autism Consortium
Preclinical Autism Consortium for Therapeutics (PACT)-Boston Children's Hospital	\$172,009	Q4.S.B	Boston Children's Hospital
Genomic profiling of autism families using whole-genome sequencing	\$174,960	Q3.L.B	Institut Pasteur
Whole-exome sequencing to identify causative genes for autism	\$175,000	Q3.L.B	Rockefeller University
Finding recessive genes for autism spectrum disorders	\$175,000	Q3.L.B	Boston Children's Hospital
Small-molecule compounds for treating autism spectrum disorders	\$175,000	Q4.S.B	University of North Carolina at Chapel Hill
16p11.2: defining the gene(s) responsible	\$175,000	Q4.S.B	Cold Spring Harbor Laboratory
Dissecting the circuits underlying autism-like behaviors in mice	\$175,000	Q4.S.B	Massachusetts Institute of Technology
Genetic studies of autism-related Drosophila neurexin and neuroligin	\$175,802	Q2.Other	University of Texas Health Science Center, San Antonio
Neural mechanisms underlying autism behaviors in SCN1A mutant mice	\$194,903	Q2.S.D	University of Washington
Corticothalamic circuit interactions in autism	\$200,000	Q2.Other	Boston Children's Hospital
5-hydroxymethylcytosine-mediated epigenetic regulation in autism	\$200,000	Q3.S.J	Emory University

Project Title	Funding	Strategic Plan Objective	Institution
Prosodic and pragmatic training in highly verbal children with autism	\$200,000	Q4.Other	Harvard University
16p11.2 deletion mice: Autism-relevant phenotypes and treatment discovery	\$200,000	Q4.S.B	Stanford University
16p11.2 deletion mice: autism-relevant phenotypes and treatment discovery	\$200,000	Q4.S.B	University of California, Davis
Early intervention professional development: Evidenced-based practices and program quality	\$200,000	Q5.L.A	University of North Carolina at Chapel Hill
Preclinical Autism Consortium for Therapeutics (PACT)	\$200,894	Q4.S.B	University of California, Davis
Modeling multiple heterozygous genetic lesions in autism using Drosophila melanogaster	\$201,838	Q2.Other	University of California, Los Angeles
Rhode Island population and genetics study of autism and intellectual disability	\$208,799	Q7.D	Bradley Hospital
Simons Variation in Individuals Project (VIP) Recruitment Coordination Site	\$216,139	Q2.S.G	Weis Center for Research - Geisinger Clinic
Simons Variation in Individuals Project (VIP) Statistical Core Site	\$221,381	Q2.S.G	Columbia University
Developing fNIRS as a brain function indicator in at-risk infants	\$223,738	Q1.L.A	Birkbeck College
Identifying the gene in 17q12 responsible for neuropsychiatric phenotypes	\$228,375	Q2.S.G	Geisinger Clinic
SFARI Conferences, Workshops & Events	\$232,606	Q7.Other	N/A
Autism Tissue Program (ATP)	\$236,009	Q7.D	Autism Speaks (AS)
Mechanisms of synapse elimination by autism-linked genes	\$240,115	Q2.S.D	University of Texas Southwestern Medical Center
CLARITY: circuit-dynamics and connectivity of autism-related behavior	\$248,468	Q2.Other	Stanford University
Developmental neurogenetics in adolescents with autism	\$249,603	Q2.S.G	Yale University
A gene-driven systems approach to identifying autism pathology	\$249,874	Q2.S.G	University of California, San Francisco
Probing synaptic receptor composition in mouse models of autism	\$249,995	Q2.S.D	Boston Children's Hospital
The role of glutamate receptor interacting proteins in autism	\$249,999	Q4.S.B	Johns Hopkins University School of Medicine
RNA expression studies in autism spectrum disorders	\$250,000	Q1.L.A	Boston Children's Hospital
RNA dysregulation in autism	\$250,000	Q2.Other	The Rockefeller University
Foundation Associates agreement (BrainNet)	\$250,000	Q2.S.C	Foundation Associates, LLC
Multigenic basis for autism linked to 22q13 chromosomal region	\$250,000	Q2.S.D	Hunter College of the City University of New York (CUNY) jointly with Research Foundation of CUNY



Project Title	Funding	Strategic Plan Objective	Institution
Children with 7q11.23 duplication syndrome: shared characteristics with autism	\$250,000	Q2.S.G	University of Louisville
Synaptic pathophysiology of 16p11.2 model mice	\$250,000	Q4.S.B	Massachusetts Institute of Technology
Understanding copy number variants associated with autism	\$250,000	Q4.S.B	Duke University Medical Center
The role of UBE3A in autism	\$250,001	Q2.S.D	Harvard Medical School
Strengthening the effects of parent-implemented early intervention to improve symptoms of ASD	\$253,534	Q4.S.D	University of California, Davis
Strengthening the effects of parent-implemented early intervention to improve symptoms of ASD	\$256,981	Q4.S.D	University of Washington
Fragile X syndrome target analysis and its contribution to autism	\$259,025	Q2.S.D	Vanderbilt University
Simons Variation in Individuals Project (VIP) Structural Imaging and Phenotyping Site - SCAP-local	\$260,788	Q2.S.G	The Children's Hospital of Philadelphia
Autism and Developmental Disabilities Monitoring Network augmentation with screening and assessment	\$262,621	Q7.I	Medical University of South Carolina
Bioinformatics support for AGRE	\$263,552	Q7.D	Autism Speaks (AS)
Deployment focused model of JASPER for preschoolers with autism spectrum disorders	\$288,364	Q4.L.D	University of California, Los Angeles
Alterations in brain-wide neuroanatomy in autism mouse models	\$300,000	Q2.Other	Cold Spring Harbor Laboratory
Brain-behavior growth charts of altered social engagement in ASD infants	\$304,231	Q1.L.A	Yale University
PsychoGenics Inc.	\$312,375	Q4.S.B	PsychoGenics Inc.
Simons Variation in Individuals Project (VIP) Site	\$316,306	Q2.S.G	Baylor College of Medicine
Canonical neural computation in autism	\$321,362	Q2.Other	New York University
Trial of carnitine therapy in TMLHE deficiency and non-dysmorphic autism	\$330,439	Q4.S.C	Baylor College of Medicine
Genomic influences on development and outcomes in Infants at risk of ASD	\$337,779	Q3.S.A	University of Alberta
Mesocorticolimbic dopamine circuitry in mouse models of autism	\$349,295	Q2.S.D	Stanford University
Genetically defined stem cell models of Rett and fragile X syndrome	\$350,000	Q2.S.D	Whitehead Institute for Biomedical Research
Mitochondria and the etiology of autism	\$350,000	Q3.L.B	The Children's Hospital of Philadelphia
Interactive Autism Network Core and Simons Simplex Collection Registry	\$350,000	Q7.C	Hugo W. Moser Research Institute at Kennedy Krieger, Inc.
Autism, GI symptoms and the enteric microbiota	\$350,814	Q3.S.I	The Research Foundation of the State University of New York at Stony Brook

Project Title	Funding	Strategic Plan Objective	Institution
Home-based system for biobehavioral recording of individuals with autism	\$353,250	Q4.Other	Northeastern University
A Longitudinal EEG Study of Infants at Risk for Autism: Network Capacity Building (Phase I)	\$359,738	Q1.L.A	University of North Carolina
Building awareness of the value of brain tissue donation for autism research	\$360,525	Q2.S.C	Autism Science Foundation
Simons Variation in Individuals Project (Simons VIP)	\$372,288	Q2.S.G	Emory University
Relating copy number variants to head and brain size in neuropsychiatric disorders	\$399,146	Q2.S.G	University of California, San Diego
World Health Organization Collaboration	\$400,000	Q7.Other	World Health Organization
Comprehensive Phenotyping of Autism Mouse Models	\$416,495	Q4.S.B	The University of Pennsylvania
Simons Variation in Individuals Project (VIP) Functional Imaging Site	\$419,819	Q2.S.G	The Children's Hospital of Philadelphia
Simons Variation in Individuals Project (VIP) Core Neuroimaging Support Site	\$434,182	Q2.S.G	University of California, San Francisco
Autism Treatment Network (ATN) 2011 - MGH Clinical Coordinating Center	\$445,000	Q7.N	Massachusetts General Hospital
Physical and clinical infrastructure for research on infants at risk for autism	\$449,353	Q1.L.A	Emory University
Function and dysfunction of neuroligins in synaptic circuits	\$450,000	Q2.Other	Stanford University
Accelerating Autism Research through the Interactive Autism Network (IAN Core)	\$453,738	Q7.C	Kennedy Krieger Institute
A functional genomic analysis of the cerebral cortex	\$486,802	Q2.Other	University of California, Los Angeles
Simons Variation in Individuals Project (VIP) Site	\$508,680	Q2.S.G	University of Washington
Whole exome sequencing of Simons Simplex Collection quads	\$536,779	Q3.L.B	Yale University
Annual SFARI Meeting	\$545,469	Q7.K	N/A
Illumina, Inc.	\$556,250	Q3.L.B	Illumina, Inc.
Simons Variation in Individuals Project (VIP) Site	\$624,864	Q2.S.G	Boston Children's Hospital
Autism Genetic Resource Exchange (AGRE)	\$676,333	Q7.D	Autism Speaks (AS)
Genomic influences on development and outcomes in infants at risk for autism	\$681,108	Q3.L.B	University of Alberta
Autism Treatment Network (ATN)	\$732,883	Q7.N	Autism Speaks (AS)
Mindspec, Inc.	\$931,150	Q7.Other	Mindspec, Inc.
Autism Consortium	\$952,306	Q7.N	Autism Consortium
Simons Variation in Individuals Project (VIP) Functional Imaging Site	\$1,142,798	Q2.S.G	University of California, San Francisco
Clinical Research Associates	\$1,175,000	Q7.K	Clinical Research Associates

Project Title	Funding	Strategic Plan Objective	Institution
Rutgers, The State University of New Jersey	\$1,439,734	Q7.D	Rutgers, The State University of New Jersey
Whole exome sequencing of Simons Simplex Collection quads	\$1,495,957	Q3.L.B	University of Washington
A Community-Based Executive Function Intervention for Low-Income Children with ADHD and ASD	\$1,757,884	Q4.L.D	Children's Research Institute
Autism Biomarker Discovery Program	\$1,999,984	Q2.L.B	Seaside Therapeutics
Prometheus Research, LLC	\$3,007,005	Q7.N	Prometheus Research, LLC
Genetic basis of autism	\$4,000,571	Q3.L.B	Cold Spring Harbor Laboratory
The new Simons Center for the Social Brain	\$5,500,000	Q7.K	Massachusetts Institute of Technology

